

FORM PTO-1449

U. S DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)



ATTY. DOCKET NO.	SERIAL NO.
U 014820-6	10/664,416
APPLICANT	
TSUYOSHI SANO, et al	
FILING DATE	GROUP
SEPTEMBER 17, 2003	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
AA	US-6,440,203	08/2002	KATO, SHINICHI	
AB	US-6,436,179	08/2002	HIRAOKA ET AL	
AC	US-6,447,592	09/2002	TANIGUCHI, MAKOTO	
AD	US-6,454,844	09/2002	KANAYA, MIHARU	
AE	US-6,454,845	09/2002	SHAWCROSS, ET AL	
AF	US-6,432,186	08/2002	TANIGUCHI, MAKOTO	
AG	US-6,419,733	07/2002	SANO ET AL	
AH	US-5,985,015	11/1999	KANAYA, MIHARU	
AI	US-5,968,244	10/1999	UEDA ET AL	
AJ	US-6,284,029	09/2001	SANO ET AL	
AK	US-6,453,001	11/2000	SUZUKI ET AL	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
AL	0 872 344	10/1998	EP		
AM	0 651 037	05/1995	EP		
AN	0 838 508	04/1998	EP		
AO	2000-290559	10/2000	JP		X
AP	0 959 111	11/1999	EP		

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AR	PATENT ABSTRACTS OF JAPAN OF JP 2000-290559 (10/2000) AND COMPUTER GENERATED ENGLISH TRANSLATION.
AS	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 571078848 A DATED JULY 5, 1982.
AT	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 05059314 A DATED MARCH 9, 1993 .

EXAMINER

Veronica Y. Yauhan

DATE CONSIDERED

7-27-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
	AA US-5,948,154	09/1999	HAYAHI ET AL	
	AB US-6,030,441	02/2000	KUBOTA ET AL	
	AC US-6,132,502	10/2000	YATAKE, MASAHIRO	
	AD US-6,004,389	12/1999	YATAKE, MASAHIRO	
	AE US-5,616,174	04/1997	KANAYA ET AL	
	AF US-6,277,184	08/2001	KATO, SHINICHI	
	AG US-5,935,309	08/1999	MOFFATT ET AL	
	AH US-5,560,770	10/1996	YATAKE, MASAHIRO	
	AI US-5,830,264	11/1998	FUJIOKA ET AL	
	AJ US-2002/0002930	02/1999	YAMASHITA ET AL	
	AK US-6,080,229	06/2000	WATANABE ET AL	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
	AL 57107848	7/1982	JP		X
	AM 05059314	3/1993	JP		X
	AN 6107971	4/1994	JP		X
	AO 6106735	4/1994	JP		X
	AP 7125220	5/1995	JP		X

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AR	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 06107971 A DATED APRIL 19, 1994.
AS	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 06106735 A DATED APRIL 19, 1994.
AT	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 07125220 A DATED MAY 16, 1995.

EXAMINER

Karenica Y. Tolosa

DATE CONSIDERED

7-27-04

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AA					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
wolf	AB	8-113739	/ 5/1996	JP	
	AC	8-283631	/ 10/1996	JP	
	AD	11-12508	/ 1/1999	JP	
	AE	10-120950	/ 5/1998	JP	
	AF	7-125220	/ 5/1995	JP	
	AG	10-28737	/ 10/1998	JP	
↓	AH	11-228898	/ 8/1999	JP	

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

wolf	AI	ENGLISH TRANSLATION OF JP 8-113739 DATED MAY 7, 1996.
	AJ	ENGLISH TRANSLATION OF JP 8-283631 DATED OCTOBER 29, 1996.
	AK	ENGLISH TRANSLATION OF JP 11-12508 DATED JANUARY 19, 1999.
	AL	ENGLISH TRANSLATION OF JP 10-120950 DATED MAY 12, 1998.
	AM	ENGLISH TRANSLATION OF JP 7-125220 DATED MAY 16, 1995.
	AN	ENGLISH TRANSLATION OF JP 10-28737 DATED OCTOBER 27, 1998.
↓	AO	ENGLISH TRANSLATION OF JP 11-228898 DATED AUGUST 24, 1999.

EXAMINER *Veronica L. Jackson* DATE CONSIDERED *7-27-04*

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